

AMENDMENTS TO THE CLAIMS

1-5. (Canceled)

6. (Currently Amended) An error diffusion system, comprising:

2 resolution conversion means for transforming a pixel data value expressed as a fixed
bit color space value of a given resolution into ~~a-like the closest possible~~ fixed bit color space
4 value of another given resolution; and

6 color space conversion means for transforming said ~~like closest possible~~ fixed bit color
space value of another given resolution into a super pixel cell, wherein individual ones of the
8 cells are assigned available output values where the average of the values in said cells is
selected to be as close as possible to said fixed bit color space value of another given
resolution.

7. (Currently Amended) An error diffusion method, comprising;

2 transforming a pixel data value expressed as a fixed bit color space value of a given
resolution into ~~a-like the closest possible~~ fixed bit color space value of another given
4 resolution; and

6 transforming said ~~like closest possible~~ fixed bit color space value of another given
resolution into a super pixel cell, wherein individual ones of the cells are assigned available
8 output values where the average of the values in said cells is selected to be as close as possible
to said fixed bit color space value of another given resolution.

8-10. (Canceled)